

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-10-09 09:53:59
Date of Next Testing:	2026-10-08 09:53:59
Product Name:	Bromocresol purple
CAS Number:	115-40-2
Specifications & Purity:	indicator ACS, Reag. Ph Eur
Lot #:	I2328228
SKU #	B431519
Analysis:	273995
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Absorption maximum λ_{1max} (buffer pH 5.2)	429-433 (nm)	430.00000 nm
Absorption maximum λ_{2max} (buffer pH 6.8)	587-590 (nm)	589.00000 nm
Spec. Absorptivity A 1%/1cm (λ_{1max} ; 0.005 g/l; buffer pH 5.2; calc. on dried substances)	400-470	404.00000
Loss on drying (110°C)	0-2 (%)	0.27 %
Spec. Absorptivity A 1%/1cm (λ_{2max} ; 0.005 g/l; buffer pH 6.8; calc. on dried substances)	1000-1160	1158.00000
Appearance (B431519)	Grey to Light Purple or Pink to Yellow-Tan Powder	Grey to Light Purple or Pink to Yellow-Tan Powder
Clarity of solution (1 g/l; ethanol)	pass	Pass
PH Transition interval, pH 5.2 (yellow) ~ pH 6.8 (purple)	Conforms	Conforms
Identity (UV/VIS Spectrum)	Confirmed	Confirmed
Sensitivity Test	Pass	Pass



John Su
QA & QC Manager